

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1987:459057 CAPLUS
 DN 107:59057
 TI Diphenyloxadiazinones as miticides and nematocides
 IN Dekeyser, Mark A.; Mishra, Anupama; Moore, Richard C.
 PA Uniroyal Chemical Co., Inc., USA
 SO Fr. Demande, 39 pp.

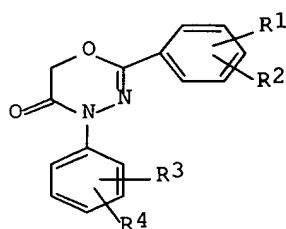
CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------------|------|----------|-----------------|--------------|
| PI | FR 2580643 | A1 | 19861024 | FR 1986-5639 | 19860418 |
| | US 4670555 | A | 19870602 | US 1985-725029 | 19850419 <-- |
| | US 4782066 | A | 19881101 | US 1987-18252 | 19870224 |
| PRAI | US 1985-725029 | | 19850419 | | |
| OS | CASREACT 107:59057 | | | | |
| GI | | | | | |



I

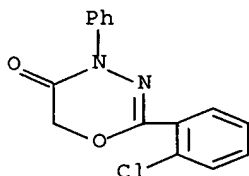
AB The title compds. [I; R1, R2 = H, alkyl, halo, etc.; R3, R4 = H, halo, alkyl, alkoxy, arylsulfonyl, alkylsulfonyl, etc.], useful as miticides and nematocides, are prepd. p-MeC6H4COCl was added to a soln. of p-H2NNHC6H4Me.HCl in pyridine and the resulting mixt. stirred at ambient temp. for 3 h to give p-MeC6H4NHNHCOC6H4Me-p. This was refluxed with ClCH2COCl in MeCOEt for 4 h, the reaction mixt. cooled to ambient temp., K2CO3 added, and the resulting mixt. refluxed for 4 h to give I (R1 = R3 = H, R2 = R4 = p-Me) (II). II at 1000 ppm showed 100% control of mites.

IT 109462-69-3P 109462-75-1P 109462-76-2P
 109462-77-3P 109462-78-4P 109462-93-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as miticide and nematocide)

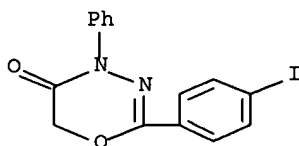
RN 109462-69-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-chlorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



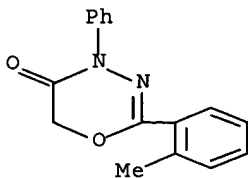
RN 109462-75-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-iodophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



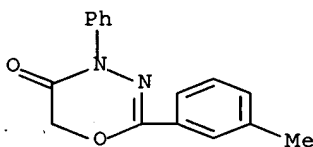
RN 109462-76-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-methylphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



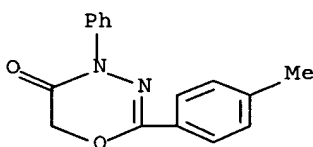
RN 109462-77-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methylphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



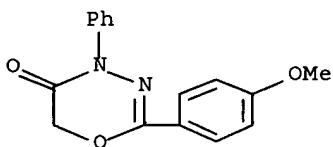
RN 109462-78-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



RN 109462-93-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methoxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)

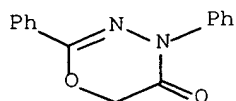


IT 109462-65-9P 109462-66-0P 109462-67-1P
 109462-68-2P 109462-69-3P 109462-70-6P
 109462-71-7P 109462-72-8P 109462-73-9P
 109462-74-0P 109462-75-1P 109462-76-2P
 109462-77-3P 109462-78-4P 109462-79-5P
 109462-80-8P 109462-81-9P 109462-82-0P
 109462-83-1P 109462-84-2P 109462-85-3P
 109462-86-4P 109462-87-5P 109462-88-6P
 109462-89-7P 109462-90-0P 109462-91-1P
 109462-92-2P 109462-93-3P 109462-94-4P
 109462-95-5P 109462-96-6P 109462-97-7P
 109462-98-8P 109462-99-9P 109463-00-5P
 109463-01-6P 109463-02-7P 109463-03-8P
 109463-04-9P 109463-05-0P 109463-06-1P
 109463-07-2P 109463-08-3P 109463-09-4P
 109463-10-7P 109463-11-8P 109463-12-9P
 109463-13-0P 109463-14-1P 109463-15-2P
 109463-16-3P 109463-17-4P 109463-18-5P
 109463-19-6P 109463-20-9P 109463-21-0P
 109463-22-1P 109463-23-2P 109463-24-3P
 109491-75-0P 109491-76-1P 109491-77-2P
 109491-78-3P 109491-79-4P 109491-80-7P
 109491-81-8P 109491-82-9P 109491-83-0P
 109491-84-1P 109491-85-2P 109491-86-3P
 109491-87-4P 109491-88-5P 109491-89-6P
 109491-90-9P 109491-91-0P 109491-92-1P
 109491-93-2P 109491-94-3P 109491-95-4P
 109491-96-5P 109491-97-6P 109491-98-7P
 109491-99-8P 109492-00-4P 109492-01-5P
 109492-02-6P 109492-03-7P 109492-04-8P
 109492-05-9P 109492-06-0P 109492-07-1P
 109525-24-8P 109551-08-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as nematocide and miticide)

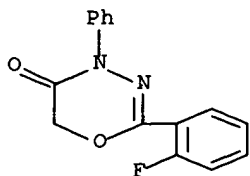
RN 109462-65-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-diphenyl- (9CI) (CA INDEX NAME)



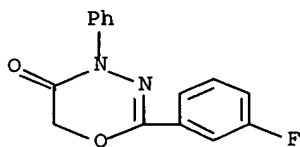
RN 109462-66-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-fluorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



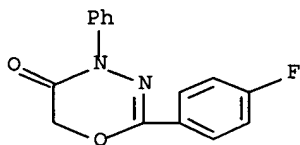
RN 109462-67-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-fluorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



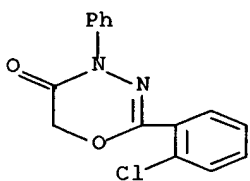
RN 109462-68-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-fluorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



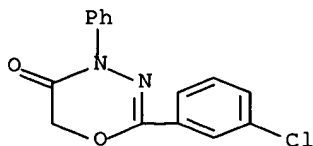
RN 109462-69-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-chlorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



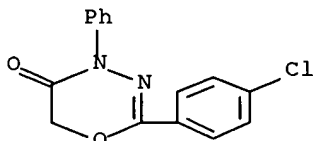
RN 109462-70-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-chlorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



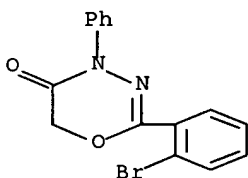
RN 109462-71-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-chlorophenyl)-4-phenyl- (9CI) (CA
INDEX NAME)



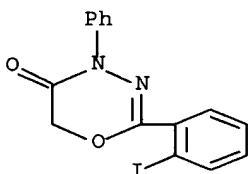
RN 109462-72-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-bromophenyl)-4-phenyl- (9CI) (CA
INDEX NAME)



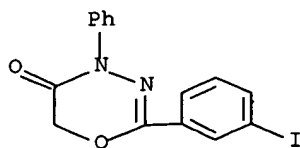
RN 109462-73-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-iodophenyl)-4-phenyl- (9CI) (CA
INDEX NAME)



RN 109462-74-0 CAPLUS

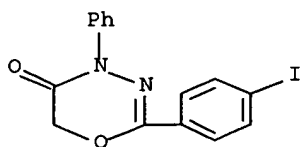
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-iodophenyl)-4-phenyl- (9CI) (CA
INDEX NAME)



RN 109462-75-1 CAPLUS

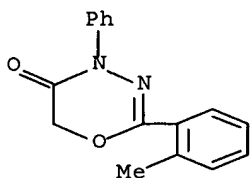
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-iodophenyl)-4-phenyl- (9CI) (CA

INDEX
NAME)



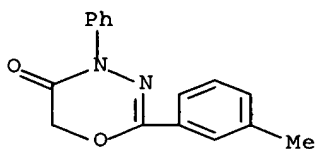
RN 109462-76-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-methylphenyl)-4-phenyl- (9CI) (CA
INDEX NAME)



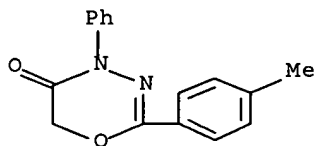
RN 109462-77-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methylphenyl)-4-phenyl- (9CI) (CA
INDEX NAME)



RN 109462-78-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-phenyl- (9CI) (CA
INDEX NAME)

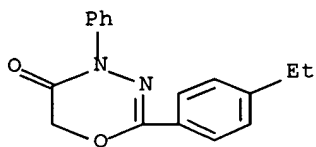


RN 109462-79-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-ethylphenyl)-4-phenyl- (9CI) (CA

INDEX

NAME)

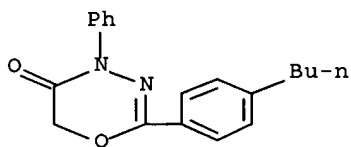


RN 109462-80-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-butylphenyl)-4-phenyl- (9CI) (CA

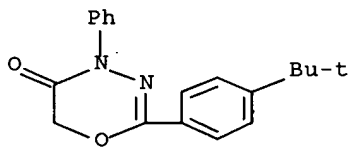
INDEX

NAME)



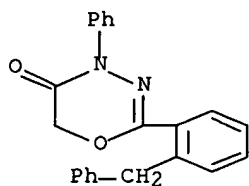
RN 109462-81-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(1,1-dimethylethyl)phenyl]-4-phenyl- (9CI) (CA INDEX NAME)

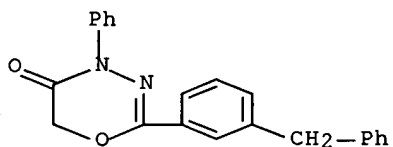


RN 109462-82-0 CAPLUS

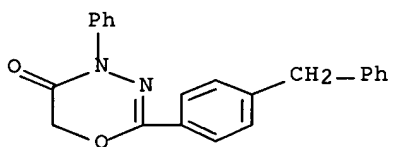
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(phenylmethyl)phenyl]- (9CI) (CA INDEX NAME)



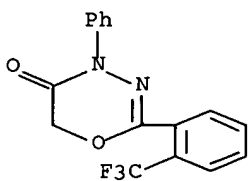
RN 109462-83-1 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-(phenylmethyl)phenyl]- (9CI)
 (CA INDEX NAME)



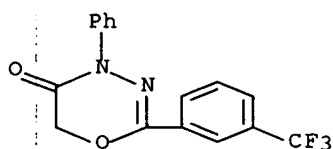
RN 109462-84-2 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[4-(phenylmethyl)phenyl]- (9CI)
 (CA INDEX NAME)



RN 109462-85-3 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(trifluoromethyl)phenyl]-
 (9CI) (CA INDEX NAME)

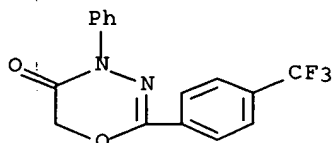


RN 109462-86-4 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-(trifluoromethyl)phenyl]-
 (9CI) (CA INDEX NAME)



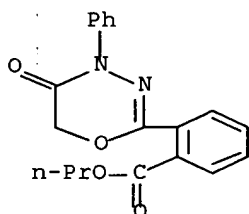
RN 109462-87-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[4-(trifluoromethyl)phenyl]-
(9CI) (CA INDEX NAME)



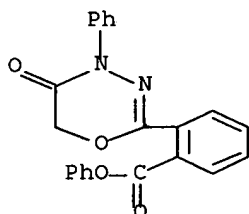
RN 109462-88-6 CAPLUS

CN Benzoic acid, 2-(5,6-dihydro-5-oxo-4-phenyl-4H-1,3,4-oxadiazin-2-yl)-,
propyl ester (9CI) (CA INDEX NAME)



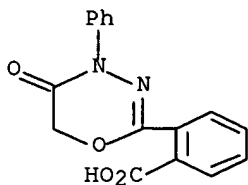
RN 109462-89-7 CAPLUS

CN Benzoic acid, 2-(5,6-dihydro-5-oxo-4-phenyl-4H-1,3,4-oxadiazin-2-yl)-,
phenyl ester (9CI) (CA INDEX NAME)



RN 109462-90-0 CAPLUS

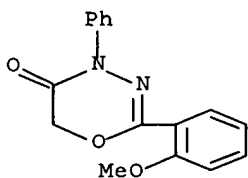
CN Benzoic acid, 2-(5,6-dihydro-5-oxo-4-phenyl-4H-1,3,4-oxadiazin-2-yl)-,
sodium salt (9CI) (CA INDEX NAME)



● Na

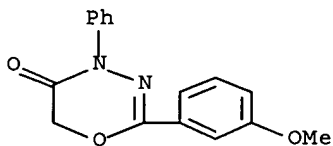
RN 109462-91-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-methoxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



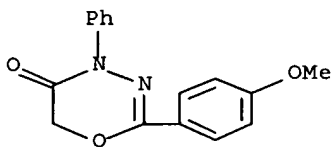
RN 109462-92-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methoxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



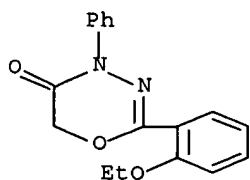
RN 109462-93-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methoxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



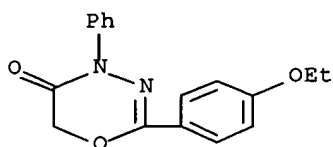
RN 109462-94-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-ethoxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



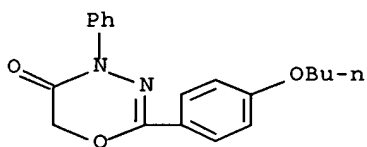
RN 109462-95-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-ethoxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



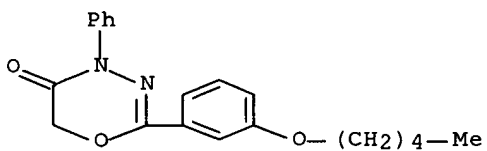
RN 109462-96-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-butoxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



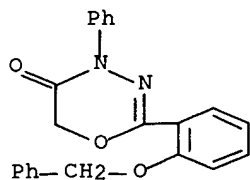
RN 109462-97-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-(pentyloxy)phenyl]-4-phenyl- (9CI)
(CA INDEX NAME)



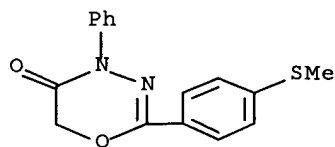
RN 109462-98-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(phenylmethoxy)phenyl]-
(9CI)
(CA INDEX NAME)



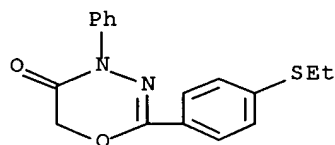
RN 109462-99-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(methylthio)phenyl]-4-phenyl- (9CI)
(CA INDEX NAME)



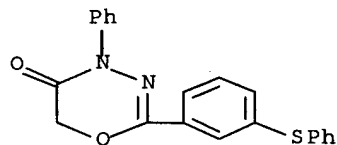
RN 109463-00-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(ethylthio)phenyl]-4-phenyl- (9CI)
(CA INDEX NAME)



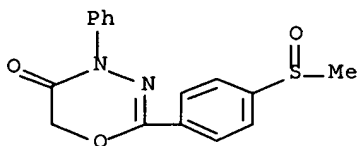
RN 109463-01-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-(phenylthio)phenyl]- (9CI)
(CA INDEX NAME)



RN 109463-02-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(methylsulfinyl)phenyl]-4-phenyl- (9CI)
(CA INDEX NAME)

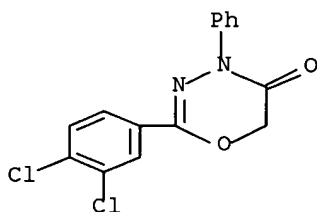


RN 109463-03-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dichlorophenyl)-4-phenyl- (9CI)

(CA

INDEX NAME)

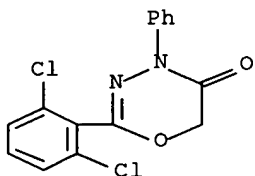


RN 109463-04-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2,6-dichlorophenyl)-4-phenyl- (9CI)

(CA

INDEX NAME)

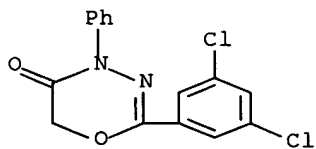


RN 109463-05-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,5-dichlorophenyl)-4-phenyl- (9CI)

(CA

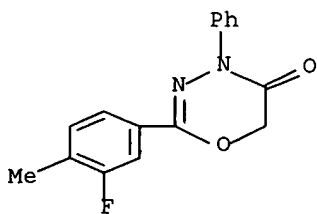
INDEX NAME)



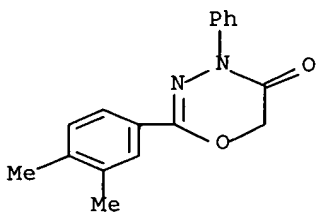
RN 109463-06-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-fluoro-4-methylphenyl)-4-phenyl- (9CI)

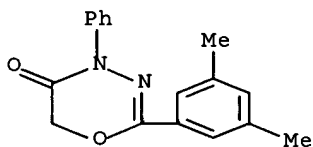
(CA INDEX NAME)



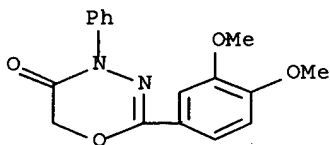
RN 109463-07-2 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dimethylphenyl)-4-phenyl- (9CI)
 (CA INDEX NAME)



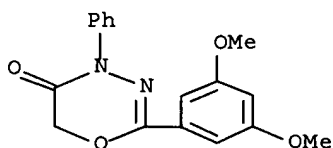
RN 109463-08-3 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,5-dimethylphenyl)-4-phenyl- (9CI)
 (CA INDEX NAME)



RN 109463-09-4 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dimethoxyphenyl)-4-phenyl- (9CI)
 (CA INDEX NAME)



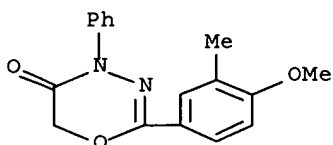
RN 109463-10-7 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,5-dimethoxyphenyl)-4-phenyl- (9CI)
 (CA INDEX NAME)



RN 109463-11-8 CAPLUS

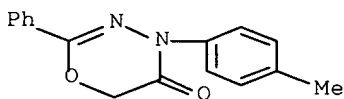
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methoxy-3-methylphenyl)-4-phenyl- (9CI)

(CA INDEX NAME)



RN 109463-12-9 CAPLUS

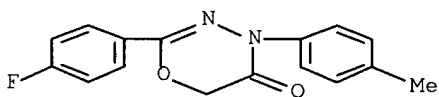
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-methylphenyl)-2-phenyl- (9CI) (CA INDEX NAME)



RN 109463-13-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-fluorophenyl)-4-(4-methylphenyl)- (9CI)

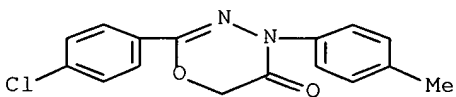
(CA INDEX NAME)



RN 109463-14-1 CAPLUS

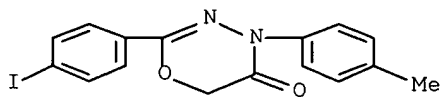
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-chlorophenyl)-4-(4-methylphenyl)- (9CI)

(CA INDEX NAME)



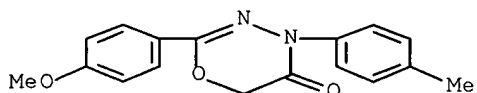
RN 109463-15-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-iodophenyl)-4-(4-methylphenyl)- (9CI)
(CA INDEX NAME)



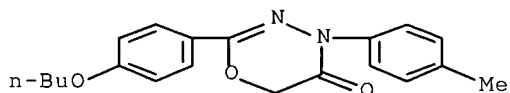
RN 109463-16-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methoxyphenyl)-4-(4-methylphenyl)- (9CI) (CA INDEX NAME)



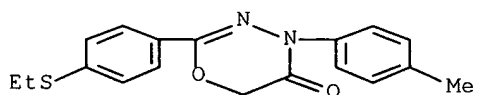
RN 109463-17-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-butoxyphenyl)-4-(4-methylphenyl)- (9CI)
(CA INDEX NAME)



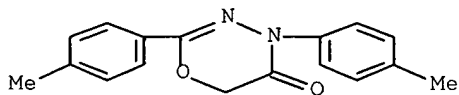
RN 109463-18-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(ethylthio)phenyl]-4-(4-methylphenyl)- (9CI) (CA INDEX NAME)



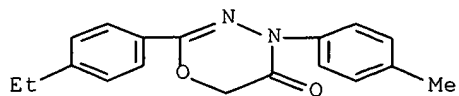
RN 109463-19-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-bis(4-methylphenyl)- (9CI) (CA INDEX NAME)



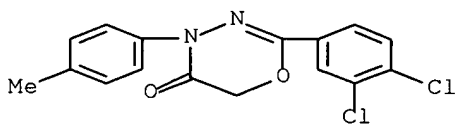
RN 109463-20-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-ethylphenyl)-4-(4-methylphenyl)- (9CI)
(CA INDEX NAME)



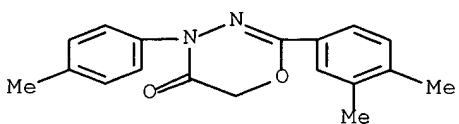
RN 109463-21-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dichlorophenyl)-4-(4-methylphenyl)-
(9CI) (CA INDEX NAME)



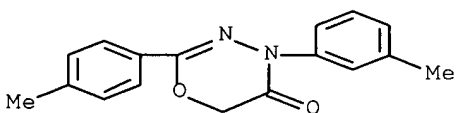
RN 109463-22-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dimethylphenyl)-4-(4-methylphenyl)-
(9CI) (CA INDEX NAME)



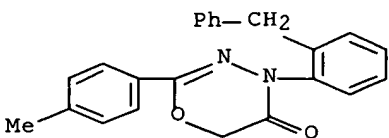
RN 109463-23-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-methylphenyl)-2-(4-methylphenyl)-
(9CI)
(CA INDEX NAME)



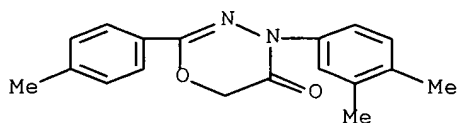
RN 109463-24-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[2-(phenylmethyl)phenyl]- (9CI) (CA INDEX NAME)



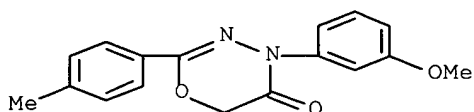
RN 109491-75-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3,4-dimethylphenyl)-2-(4-methylphenyl)-
(9CI) (CA INDEX NAME)



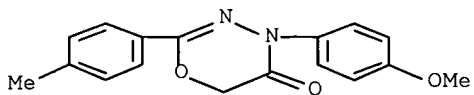
RN 109491-76-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-methoxyphenyl)-2-(4-methylphenyl)-
(9CI) (CA INDEX NAME)



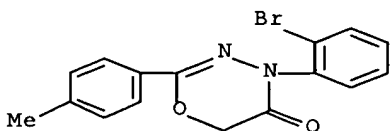
RN 109491-77-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-methoxyphenyl)-2-(4-methylphenyl)-
(9CI) (CA INDEX NAME)



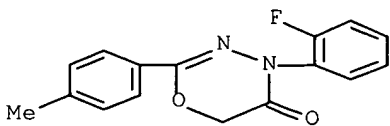
RN 109491-78-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-(4-methylphenyl)-
(9CI)
(CA INDEX NAME)



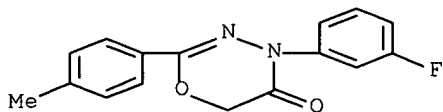
RN 109491-79-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-(4-methylphenyl)-
(9CI)
(CA INDEX NAME)

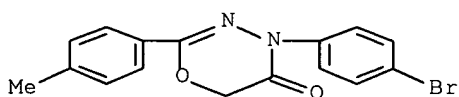


RN 109491-80-7 CAPLUS

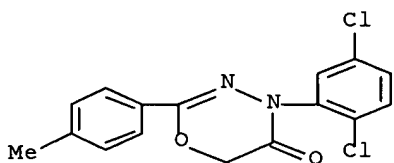
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-fluorophenyl)-2-(4-methylphenyl)-
(9CI)
(CA INDEX NAME)



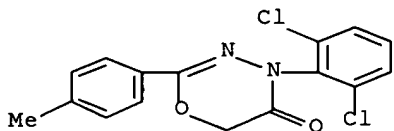
RN 109491-81-8 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-bromophenyl)-2-(4-methylphenyl)-
(9CI)
(CA INDEX NAME)



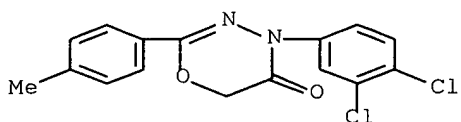
RN 109491-82-9 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,5-dichlorophenyl)-2-(4-methylphenyl)-
(9CI) (CA INDEX NAME)



RN 109491-83-0 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,6-dichlorophenyl)-2-(4-methylphenyl)-
(9CI) (CA INDEX NAME)

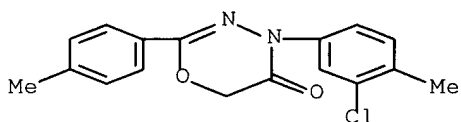


RN 109491-84-1 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3,4-dichlorophenyl)-2-(4-methylphenyl)-
(9CI) (CA INDEX NAME)



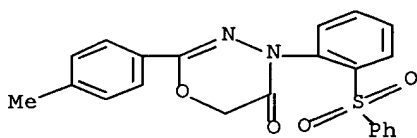
RN 109491-85-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-chloro-4-methylphenyl)-2-(4-methylphenyl)- (9CI) (CA INDEX NAME)



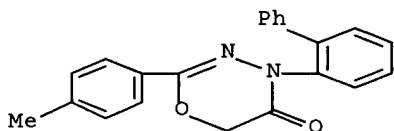
RN 109491-86-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[2-(phenylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



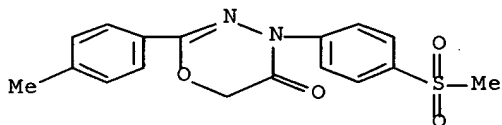
RN 109491-87-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[1,1'-biphenyl]-2-yl-2-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 109491-88-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

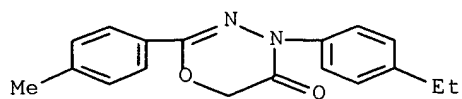


RN 109491-89-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-ethylphenyl)-2-(4-methylphenyl)-

(9CI)

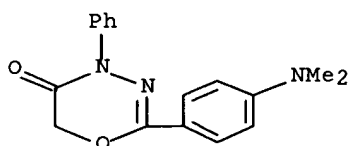
(CA INDEX NAME)



RN 109491-90-9 CAPLUS

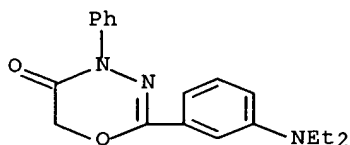
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(dimethylamino)phenyl]-4-phenyl-
(9CI)

(CA INDEX NAME)



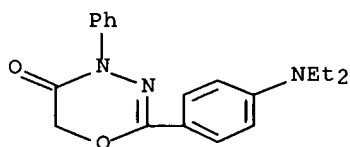
RN 109491-91-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-(diethylamino)phenyl]-4-phenyl- (9CI)
(CA INDEX NAME)



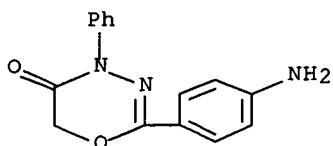
RN 109491-92-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(diethylamino)phenyl]-4-phenyl- (9CI)
(CA INDEX NAME)



RN 109491-93-2 CAPLUS

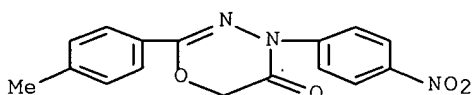
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-aminophenyl)-4-phenyl- (9CI) (CA
INDEX
NAME)



RN 109491-94-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-(4-nitrophenyl)- (9CI)

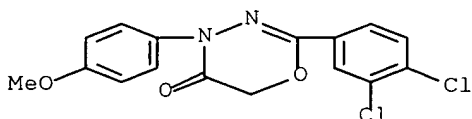
(CA INDEX NAME)



RN 109491-95-4 CAPLUS

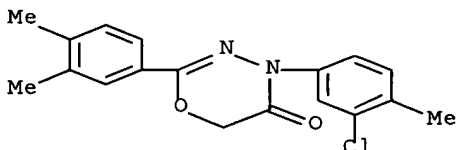
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dichlorophenyl)-4-(4-methoxyphenyl)-

(9CI) (CA INDEX NAME)



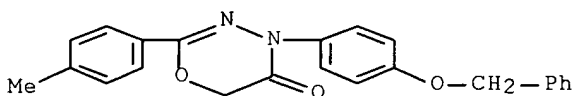
RN 109491-96-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-chloro-4-methylphenyl)-2-(3,4-dimethylphenyl)- (9CI) (CA INDEX NAME)



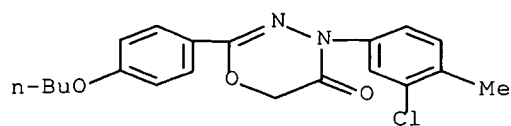
RN 109491-97-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[4-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 109491-98-7 CAPLUS

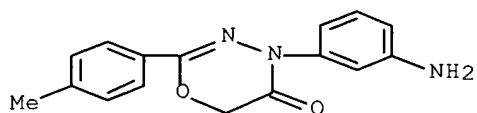
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-butoxyphenyl)-4-(3-chloro-4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 109491-99-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-aminophenyl)-2-(4-methylphenyl)-
(9CI)

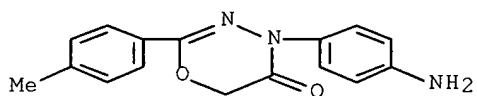
(CA INDEX NAME)



RN 109492-00-4 CAPLUS

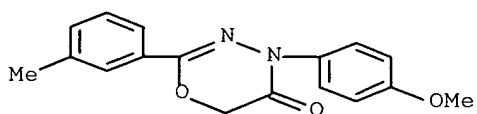
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-aminophenyl)-2-(4-methylphenyl)-
(9CI)

(CA INDEX NAME)



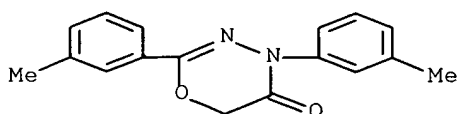
RN 109492-01-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-methoxyphenyl)-2-(3-methylphenyl)-
(9CI) (CA INDEX NAME)



RN 109492-02-6 CAPLUS

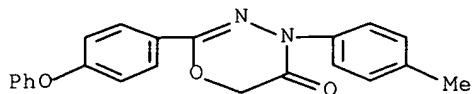
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-bis(3-methylphenyl)- (9CI) (CA INDEX
NAME)



RN 109492-03-7 CAPLUS

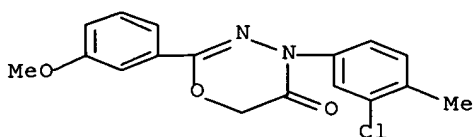
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-methylphenyl)-2-(4-phenoxyphenyl)-

(9CI) (CA INDEX NAME)



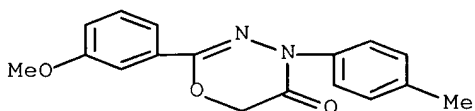
RN 109492-04-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-chloro-4-methylphenyl)-2-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



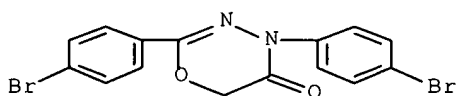
RN 109492-05-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methoxyphenyl)-4-(4-methylphenyl)- (9CI) (CA INDEX NAME)



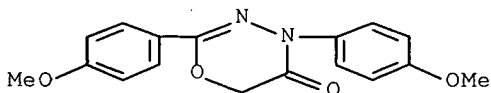
RN 109492-06-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-bis(4-bromophenyl)- (9CI) (CA INDEX NAME)



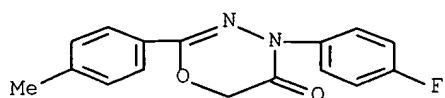
RN 109492-07-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

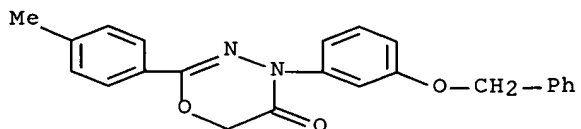


RN 109525-24-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-fluorophenyl)-2-(4-methylphenyl)- (9CI)
(CA INDEX NAME)



RN 109551-08-8 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[3-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 16:07:41 ON 19 SEP 2003)

FILE 'REGISTRY' ENTERED AT 16:07:49 ON 19 SEP 2003

L1 STRUCTURE UPLOADED

L2 17 S L1

L3 276 S L1 FUL

FILE 'CAPLUS' ENTERED AT 16:08:20 ON 19 SEP 2003

L4 12 S L3

L5 1 S US4670555/PN

L6 1 S L4 AND L5

=> s l4 and ito?/in

43678 ITO?/IN

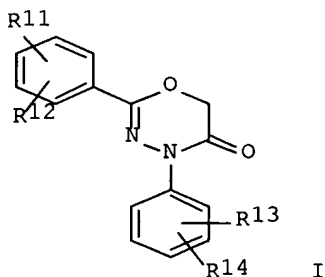
L7 1 L4 AND ITO?/IN

74 }
 125 }
 163 }
 187 }
 188 }

44
 45
 46
 68
 114
 132

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:573782 CAPLUS
 DN 133:164066
 TI Preparation of heterodiazinone derivatives as AMPA receptor antagonists
 IN Ito, Koichi; Kitazawa, Noritaka; Nagato, Satoshi; Kajiwara, Akiharu; Fukushima, Tatsuto; Hatakeyama, Shinji; Hanada, Takahisa; Ueno, Masataka; Ueno, Kohshi; Kawano, Koki
 PA Eisai Co., Ltd., Japan
 SO PCT Int. Appl., 120 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 2000047567 | A1 | 20000817 | WO 2000-JP799 | 20000215 |
| | W: AU, BR, CA, CN, HU, KR, MX, NO, NZ, RU, US | | | | |
| | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | JP 2000302770 | A2 | 20001031 | JP 2000-34407 | 20000214 |
| | AU 2000024618 | A5 | 20000829 | AU 2000-24618 | 20000215 |
| | EP 1153922 | A1 | 20011114 | EP 2000-902953 | 20000215 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| PRAI | JP 1999-36233 | A | 19990215 | | |
| | WO 2000-JP799 | W | 20000215 | | |
| OS | MARPAT 133:164066 | | | | |
| GI | | | | | |



AB Heterodiazinone derivs. represented by general formula (I), pharmacol. acceptable salts of the same, or hydrates of both, [wherein A is O, S or NR3 (wherein R3 is hydrogen or lower alkyl); R1 and R2 are each independently optionally substituted (hetero)aryl, aralkyl, heteroarylalkyl, arylalkenyl, or heteroarylalkenyl, piperidyl, piperazinyl, morpholinyl, (un)substituted lower cycloalkyl, tetrahydrofuranyl, tetrahydropyranyl, adamantyl, (un)substituted NH2, (un)substituted amido; and R4 and R5 are each independently hydrogen, hydroxyl, halogeno, cyano, nitro, lower alkyl, or (hetero)aryl], exhibiting 2-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor antagonism, are prepd. These compds. are useful for the treatment, prevention, or improvement of diseases where AMPA receptor antagonism is effective, such as neurodegenerative diseases, more specifically acute neurodegeneration suffered after brain ischemia, head

injury, and spinal cord injury, Alzheimer's disease, Parkinson's disease,

amyotrophic lateral sclerosis, Huntington chorea, epilepsy, pain, multiple

sclerosis, cerebral meningitis, Guillain-Barre syndrome, HIV- or HTLV-related myelitis, or white encephalitis. Thus, picolinic acid was condensed with phneylhydrazine using 1,1'-carbonyldiimidazole in DMF/THF to give 86% picolinic acid phneylhydrazide which was cyclocondensed with chloroacetyl chloride in Me Et ketone under reflux for 1 h to give 2-(2-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one (II). II.HCl and 2-phenyl-4-(2-chlorophenyl)-4H-1,3,4-oxadiazin-5(6H)-one shoed IC50 of 11.8 and 0.8 .mu.M, resp., for inhibiting AMPA-induced influx of calcium into rat cerebral nerve cells.

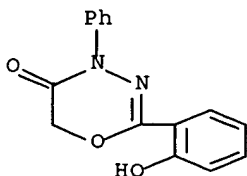
IT 28669-15-0P 287953-92-8P 287953-95-1P
287953-97-3P 287953-99-5P 287954-02-3P
287954-04-5P 287954-06-7P 287954-08-9P
287954-10-3P 287954-12-5P 287954-14-7P
287954-16-9P 287954-22-7P 287954-23-8P
287954-25-0P 287954-27-2P 287954-29-4P
287954-31-8P 287954-33-0P 287954-35-2P
287954-37-4P 287954-39-6P 287954-41-0P
287954-43-2P 287954-47-6P 287954-49-8P
287954-54-5P 287954-55-6P 287954-56-7P
287954-57-8P 287954-58-9P 287954-59-0P
287954-60-3P 287954-62-5P 287954-65-8P
287954-72-7P 287954-79-4P 287954-81-8P
287954-85-2P 287954-88-5P 287954-90-9P
287954-92-1P 287954-94-3P 287954-96-5P
287954-98-7P 287955-01-5P 287955-02-6P
287955-03-7P 287955-04-8P 287955-05-9P
287955-06-0P 287955-07-1P 287955-08-2P
287955-09-3P 287955-10-6P 287955-11-7P
287955-12-8P 287955-13-9P 287955-14-0P
287955-15-1P 287955-16-2P 287955-17-3P
287955-18-4P 287955-19-5P 287955-20-8P
287955-21-9P 287955-22-0P 287955-23-1P
287955-24-2P 287955-25-3P 287955-28-6P
287955-29-7P 287955-30-0P 287955-31-1P
287955-32-2P 287955-33-3P 287955-34-4P
287955-35-5P 287955-36-6P 287955-37-7P
287955-38-8P 287955-39-9P 287955-57-1P
287955-58-2P 287955-59-3P 287955-60-6P
287955-61-7P 287955-62-8P 287955-63-9P
287955-65-1P 287955-66-2P 287955-67-3P
287955-68-4P 287955-71-9P 287955-72-0P
287955-74-2P 287955-75-3P 287955-76-4P
287955-77-5P 287955-78-6P 287955-79-7P
287955-81-1P 287955-82-2P 287955-85-5P
287955-86-6P 287955-87-7P 287955-88-8P
287955-89-9P 287955-90-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of heterodiazinone derivs. as AMPA receptor antagonists and therapeutics)

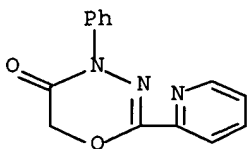
RN 28669-15-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-hydroxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



RN 287953-92-8 CAPLUS

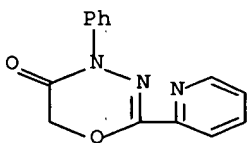
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

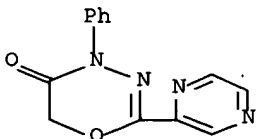
RN 287953-95-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 287953-97-3 CAPLUS

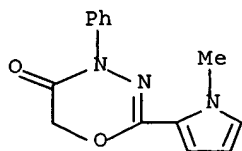
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-pyrazinyl- (9CI) (CA INDEX NAME)



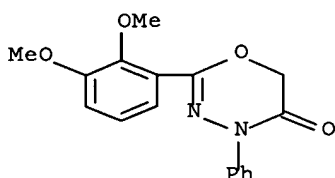
RN 287953-99-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(1-methyl-1H-pyrrol-2-yl)-4-phenyl-

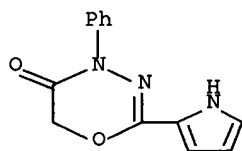
(9CI)
(CA INDEX NAME)



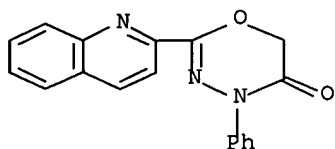
RN 287954-02-3 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2,3-dimethoxyphenyl)-4-phenyl- (9CI)
(CA INDEX NAME)



RN 287954-04-5 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(1H-pyrrol-2-yl)- (9CI) (CA INDEX NAME)

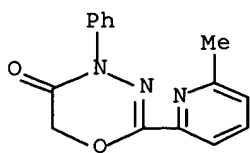


RN 287954-06-7 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-quinolinyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

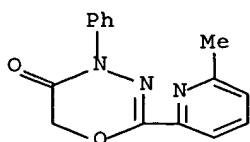
RN 287954-08-9 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(6-methyl-2-pyridinyl)-4-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

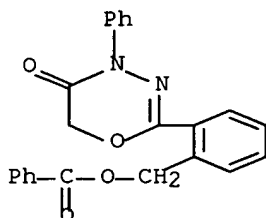
RN 287954-10-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(6-methyl-2-pyridinyl)-4-phenyl- (9CI)
(CA INDEX NAME)



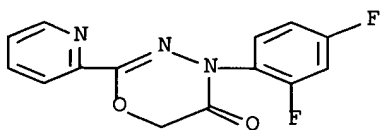
RN 287954-12-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[(benzoyloxy)methyl]phenyl]-4-phenyl- (9CI)
(CA INDEX NAME)



RN 287954-14-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-(2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

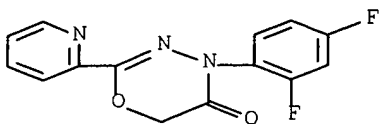


● HCl

RN 287954-16-9 CAPLUS

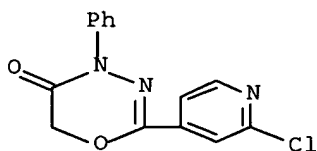
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-(2-pyridinyl)-

(9CI) (CA INDEX NAME)



RN 287954-22-7 CAPLUS

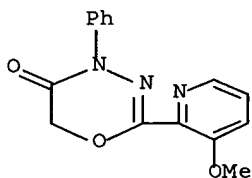
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-chloro-4-pyridinyl)-4-phenyl-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

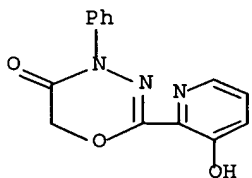
RN 287954-23-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methoxy-2-pyridinyl)-4-phenyl- (9CI)
(CA INDEX NAME)



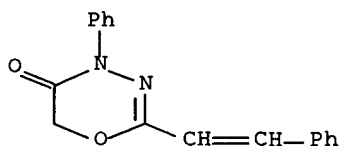
RN 287954-25-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-hydroxy-2-pyridinyl)-4-phenyl- (9CI)
(CA INDEX NAME)



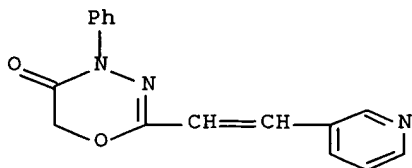
RN 287954-27-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-phenylethenyl)- (9CI) (CA
INDEX NAME)



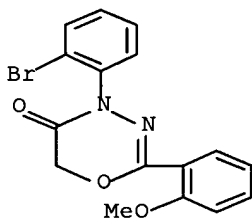
RN 287954-29-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(3-phenyl)ethenyl]- (9CI)
(CA INDEX NAME)



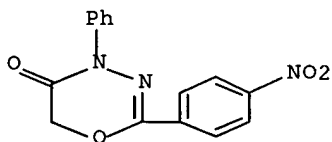
RN 287954-31-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-(2-methoxyphenyl)- (9CI)
(CA INDEX NAME)



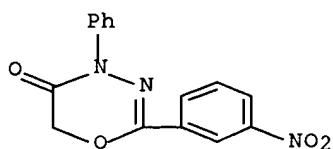
RN 287954-33-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-nitrophenyl)-4-phenyl- (9CI) (CA
INDEX
NAME)



RN 287954-35-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-nitrophenyl)-4-phenyl- (9CI) (CA
INDEX
NAME)

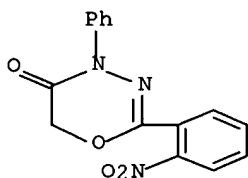


RN 287954-37-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-nitrophenyl)-4-phenyl- (9CI) (CA

INDEX

NAME)

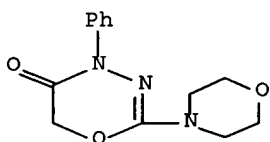


RN 287954-39-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-morpholinyl)-4-phenyl- (9CI) (CA

INDEX

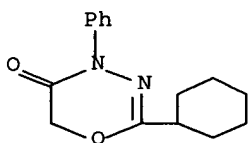
NAME)



RN 287954-41-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-cyclohexyl-4-phenyl- (9CI) (CA INDEX

NAME)

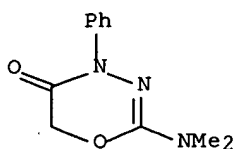


RN 287954-43-2 CAPLUS

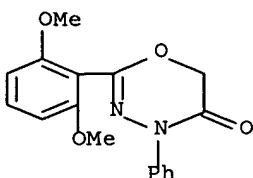
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(dimethylamino)-4-phenyl- (9CI) (CA

INDEX

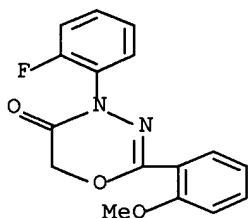
NAME)



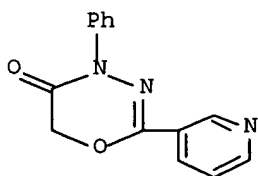
RN 287954-47-6 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2,6-dimethoxyphenyl)-4-phenyl- (9CI)
 (CA INDEX NAME)



RN 287954-49-8 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-(2-methoxyphenyl)-
 (9CI) (CA INDEX NAME)



RN 287954-54-5 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(3-pyridinyl)-,
 monohydrochloride
 (9CI) (CA INDEX NAME)

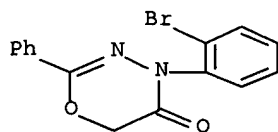


● HCl

RN 287954-55-6 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-phenyl- (9CI) (CA

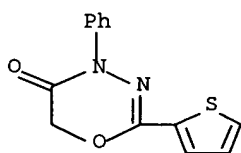
INDEX

NAME)



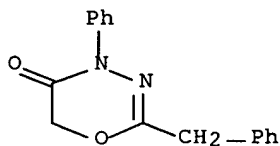
RN 287954-56-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-thienyl)- (9CI) (CA INDEX NAME)



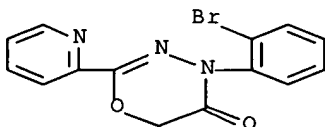
RN 287954-57-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(phenylmethyl)- (9CI) (CA INDEX NAME)



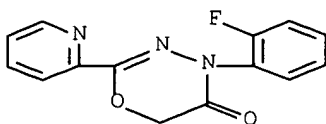
RN 287954-58-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-(2-pyridinyl)- (9CI) (CA INDEX NAME)



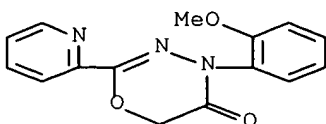
RN 287954-59-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-(2-pyridinyl)- (9CI) (CA INDEX NAME)



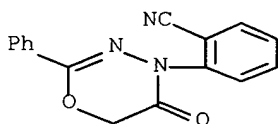
RN 287954-60-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-methoxyphenyl)-2-(2-pyridinyl)- (9CI)
(CA INDEX NAME)



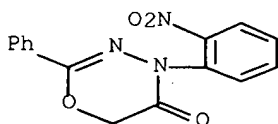
RN 287954-62-5 CAPLUS

CN Benzonitrile, 2-(5,6-dihydro-5-oxo-2-phenyl-4H-1,3,4-oxadiazin-4-yl)- (9CI) (CA INDEX NAME)



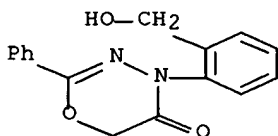
RN 287954-65-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-nitrophenyl)-2-phenyl- (9CI) (CA INDEX NAME)



RN 287954-72-7 CAPLUS

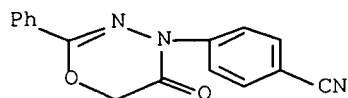
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-(hydroxymethyl)phenyl]-2-phenyl- (9CI)
(CA INDEX NAME)



RN 287954-79-4 CAPLUS

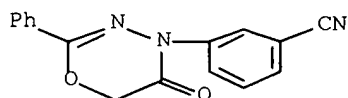
CN Benzonitrile, 4-(5,6-dihydro-5-oxo-2-phenyl-4H-1,3,4-oxadiazin-4-yl)-

(9CI) (CA INDEX NAME)



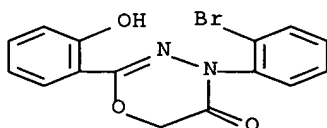
RN 287954-81-8 CAPLUS

CN Benzonitrile, 3-(5,6-dihydro-5-oxo-2-phenyl-4H-1,3,4-oxadiazin-4-yl)-
(9CI) (CA INDEX NAME)



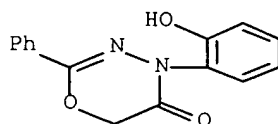
RN 287954-85-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-(2-hydroxyphenyl)-
(9CI)
(CA INDEX NAME)



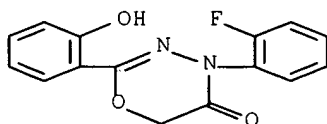
RN 287954-88-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-hydroxyphenyl)-2-phenyl- (9CI) (CA
INDEX NAME)

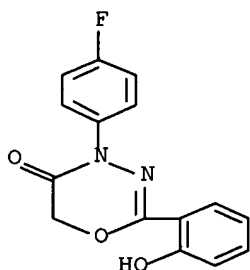


RN 287954-90-9 CAPLUS

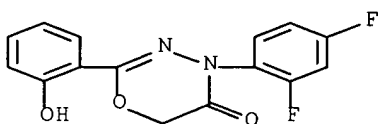
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-(2-hydroxyphenyl)-
(9CI) (CA INDEX NAME)



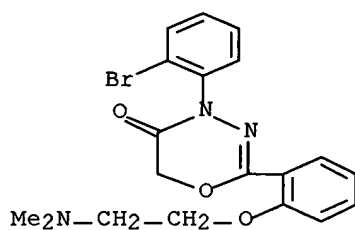
RN 287954-92-1 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-fluorophenyl)-2-(2-hydroxyphenyl)-
 (9CI) (CA INDEX NAME)



RN 287954-94-3 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-(2-hydroxyphenyl)-
 (9CI) (CA INDEX NAME)

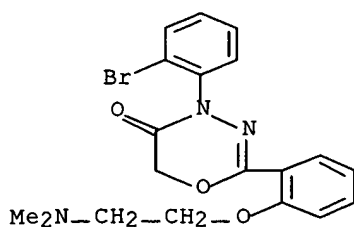


RN 287954-96-5 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-(dimethylamino)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



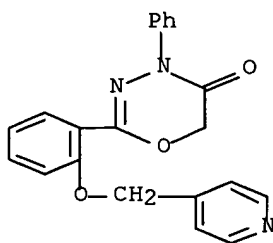
● HCl

RN 287954-98-7 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-(dimethylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



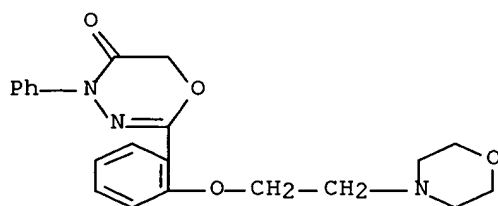
RN 287955-01-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(4-pyridinylmethoxy)phenyl]-
(9CI) (CA INDEX NAME)



RN 287955-02-6 CAPLUS

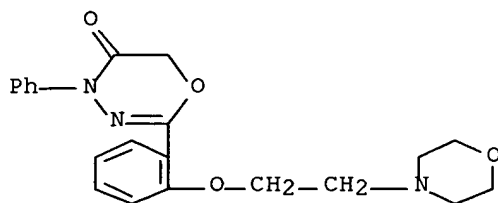
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-4-
phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

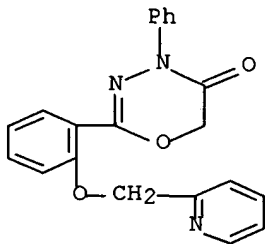
RN 287955-03-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-4-
phenyl- (9CI) (CA INDEX NAME)



RN 287955-04-8 CAPLUS

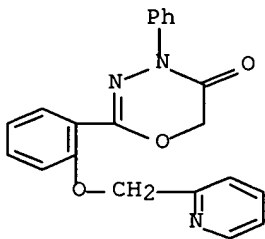
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(2-pyridinylmethoxy)phenyl]-
,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

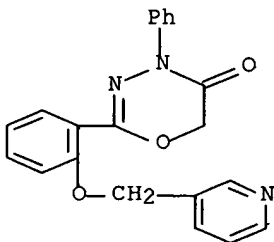
RN 287955-05-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(2-pyridinylmethoxy)phenyl]-
(9CI) (CA INDEX NAME)



RN 287955-06-0 CAPLUS

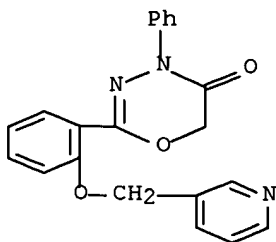
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(3-pyridinylmethoxy)phenyl]-
,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

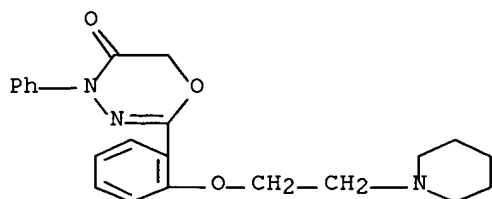
RN 287955-07-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(3-pyridinylmethoxy)phenyl]-
(9CI) (CA INDEX NAME)



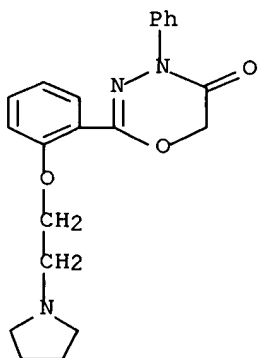
RN 287955-08-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



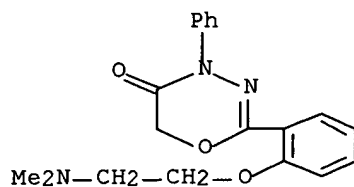
RN 287955-09-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-10-6 CAPLUS

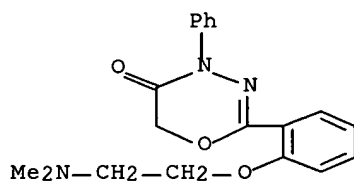
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(dimethylamino)ethoxy]phenyl]-4-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

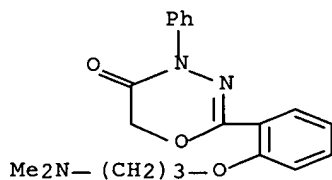
RN 287955-11-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(dimethylamino)ethoxy]phenyl]-4-phenyl- (9CI) (CA INDEX NAME)



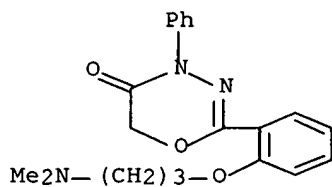
RN 287955-12-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[3-(dimethylamino)propoxy]phenyl]-4-phenyl- (9CI) (CA INDEX NAME)



RN 287955-13-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[3-(dimethylamino)propoxy]phenyl]-4-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

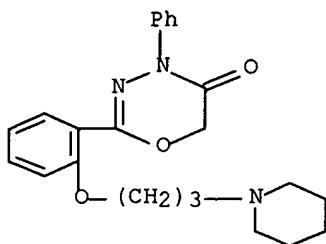


● HCl

RN 287955-14-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[3-(1-

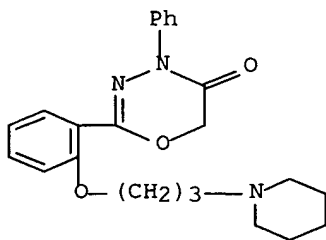
piperidinyl)propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

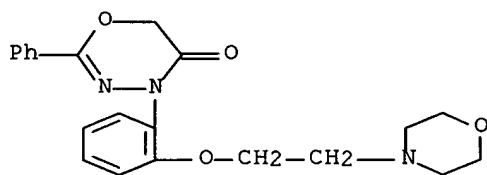
RN 287955-15-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[3-(1-piperidinyloxy)propoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-16-2 CAPLUS

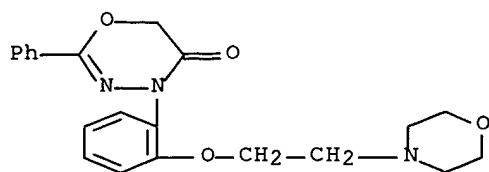
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-[2-(4-morpholinyl)ethoxy]phenyl]-2-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

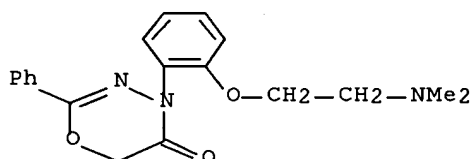
RN 287955-17-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-[2-(4-morpholinyl)ethoxy]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)



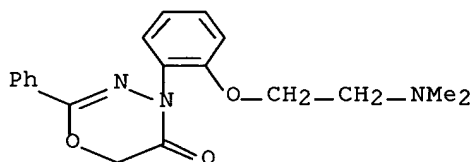
RN 287955-18-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-[2-(dimethylamino)ethoxy]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)



RN 287955-19-5 CAPLUS

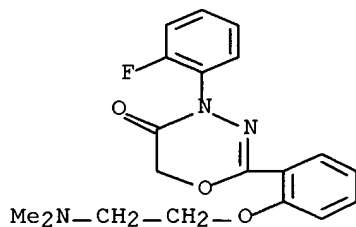
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-[2-(dimethylamino)ethoxy]phenyl]-2-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 287955-20-8 CAPLUS

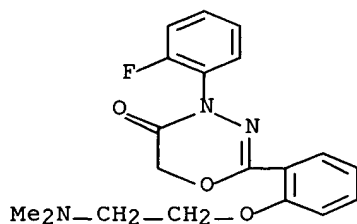
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(dimethylamino)ethoxy]phenyl]-4-(2-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

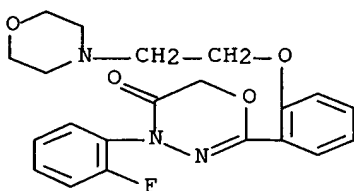
RN 287955-21-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(dimethylamino)ethoxy]phenyl]-4-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



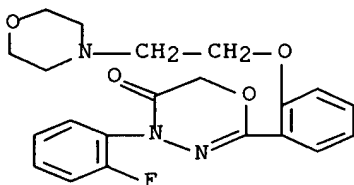
RN 287955-22-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



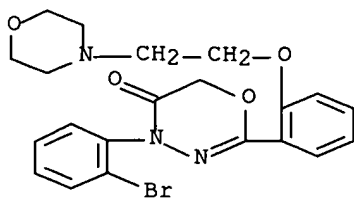
RN 287955-23-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-24-2 CAPLUS

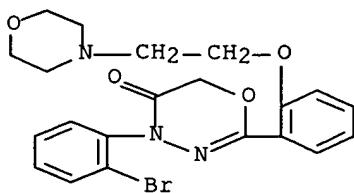
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

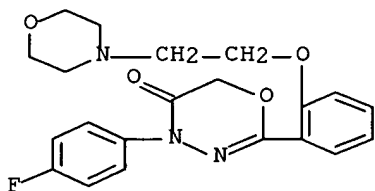
RN 287955-25-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-28-6 CAPLUS

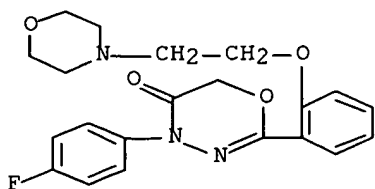
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-fluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



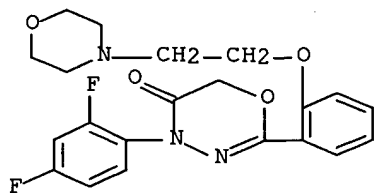
● HCl

RN 287955-29-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-fluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

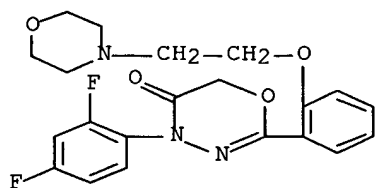


RN 287955-30-0 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

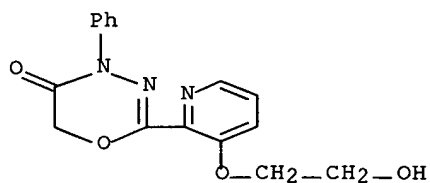


● HCl

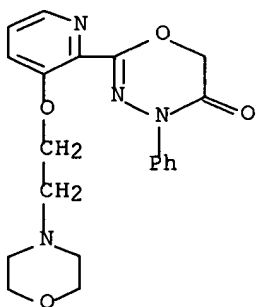
RN 287955-31-1 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-32-2 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-(2-hydroxyethoxy)-2-pyridinyl]-4-phenyl- (9CI) (CA INDEX NAME)



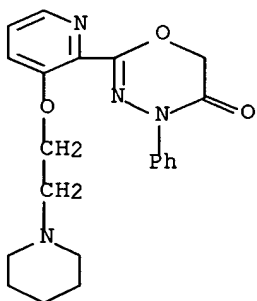
RN 287955-33-3 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-[2-(4-morpholinyl)ethoxy]-2-pyridinyl]-4-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

RN 287955-34-4 CAPLUS

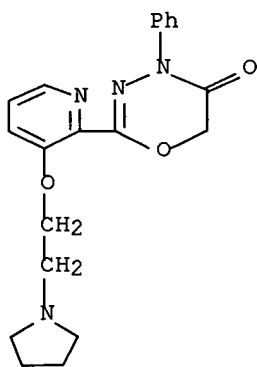
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-[2-(1-piperidinyl)ethoxy]-2-pyridinyl]-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

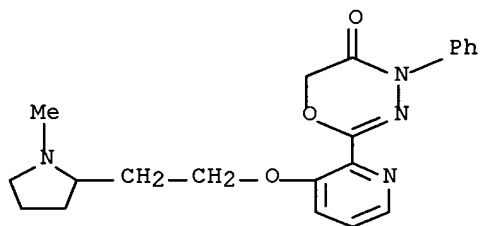
RN 287955-35-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-[2-(1-pyrrolidinyl)ethoxy]-2-pyridinyl]-, dihydrochloride (9CI) (CA INDEX NAME)



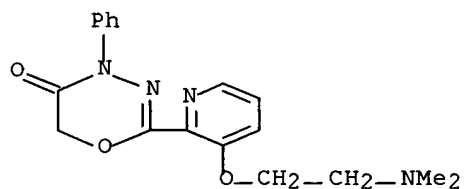
●2 HCl

RN 287955-36-6 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-[2-(1-methyl-2-pyrrolidinyl)ethoxy]-
 2-pyridinyl]-4-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

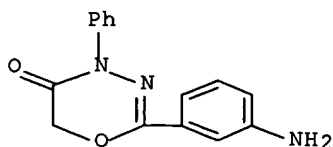
RN 287955-37-7 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-[2-(dimethylamino)ethoxy]-2-
 pyridinyl]-
 4-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)



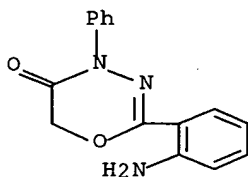
●2 HCl

RN 287955-38-8 CAPLUS

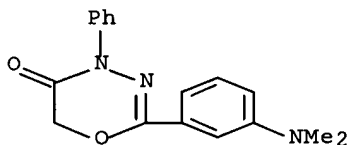
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-aminophenyl)-4-phenyl- (9CI) (CA
INDEX
NAME)



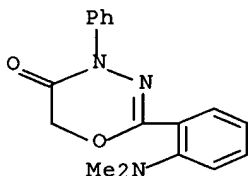
RN 287955-39-9 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-aminophenyl)-4-phenyl- (9CI) (CA
INDEX
NAME)



RN 287955-57-1 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-(dimethylamino)phenyl]-4-phenyl-
(9CI)
(CA INDEX NAME)

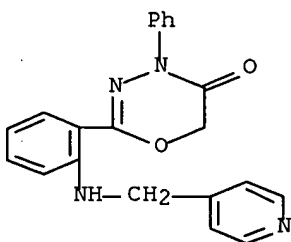


RN 287955-58-2 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-(dimethylamino)phenyl]-4-phenyl-
(9CI)
(CA INDEX NAME)



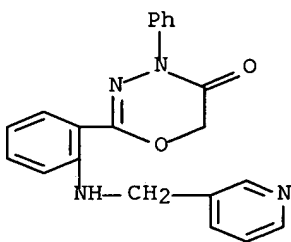
RN 287955-59-3 CAPLUS
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(4-

pyridinylmethyl)amino]phenyl]- (9CI) (CA INDEX NAME)



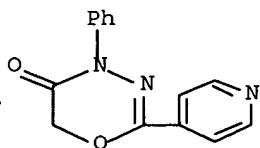
RN 287955-60-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[(3-pyridinylmethyl)amino]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-61-7 CAPLUS

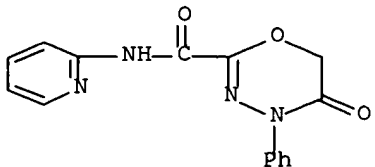
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(4-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 287955-62-8 CAPLUS

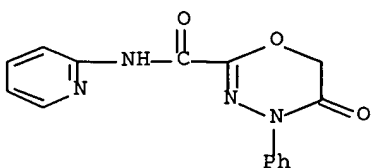
CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-2-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

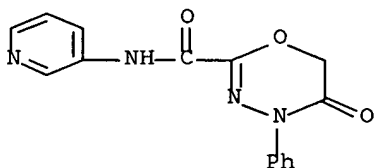
RN 287955-63-9 CAPLUS

CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-2-pyridinyl- (9CI) (CA INDEX NAME)



RN 287955-65-1 CAPLUS

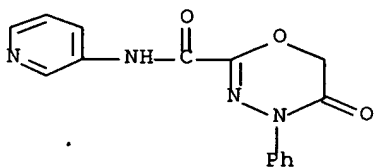
CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-3-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 287955-66-2 CAPLUS

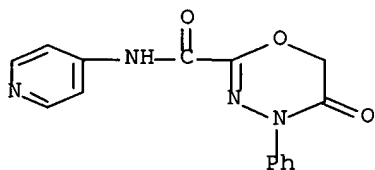
CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-3-pyridinyl- (9CI) (CA INDEX NAME)



RN 287955-67-3 CAPLUS

CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-4-

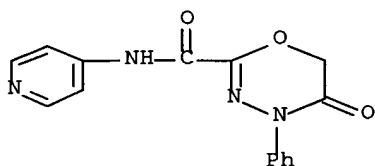
pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

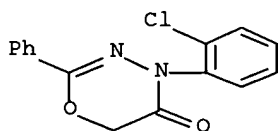
RN 287955-68-4 CAPLUS

CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-4-pyridinyl- (9CI) (CA INDEX NAME)



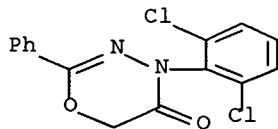
RN 287955-71-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-chlorophenyl)-2-phenyl- (9CI) (CA INDEX NAME)



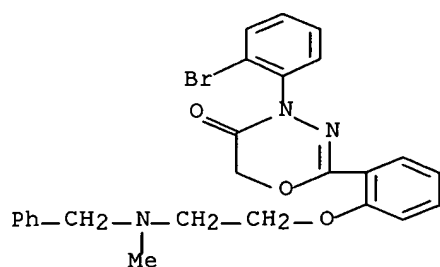
RN 287955-72-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,6-dichlorophenyl)-2-phenyl- (9CI) (CA INDEX NAME)

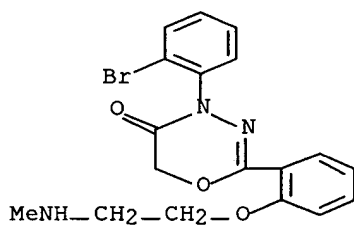


RN 287955-74-2 CAPLUS

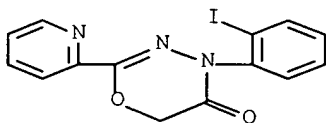
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-[methyl(phenylmethyl)amino]ethoxy]phenyl]- (9CI) (CA INDEX NAME)



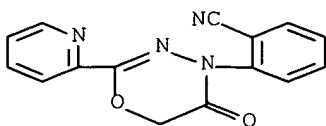
RN 287955-75-3 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-(methylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



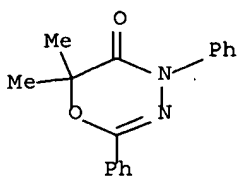
RN 287955-76-4 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-iodophenyl)-2-(2-pyridinyl)- (9CI)
 (CA INDEX NAME)



RN 287955-77-5 CAPLUS
 CN Benzonitrile, 2-[5,6-dihydro-5-oxo-2-(2-pyridinyl)-4H-1,3,4-oxadiazin-4-yl]- (9CI) (CA INDEX NAME)

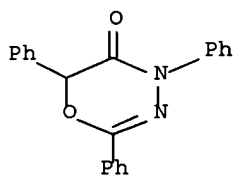


RN 287955-78-6 CAPLUS
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 6,6-dimethyl-2,4-diphenyl- (9CI) (CA INDEX NAME)



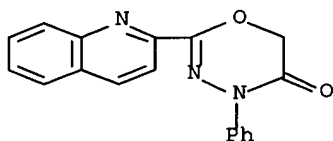
RN 287955-79-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4,6-triphenyl- (9CI) (CA INDEX NAME)



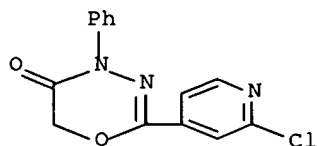
RN 287955-81-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-quinolinyl)- (9CI) (CA INDEX NAME)



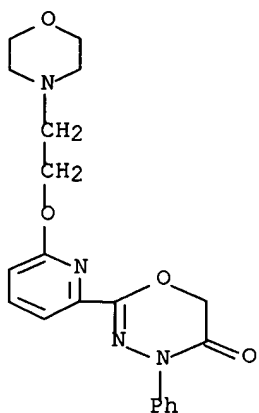
RN 287955-82-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-chloro-4-pyridinyl)-4-phenyl- (9CI) (CA INDEX NAME)



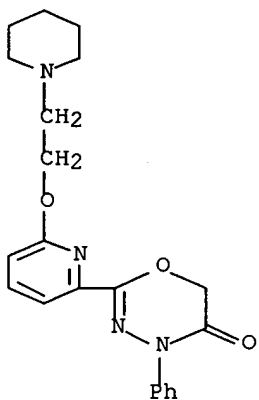
RN 287955-85-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[6-[2-(4-morpholinyl)ethoxy]-2-pyridinyl]-4-phenyl- (9CI) (CA INDEX NAME)



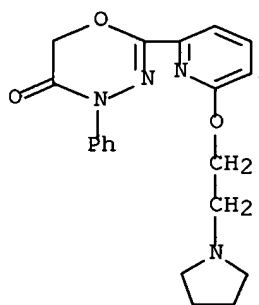
RN 287955-86-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[6-[2-(1-piperidinyl)ethoxy]-2-pyridinyl]- (9CI) (CA INDEX NAME)



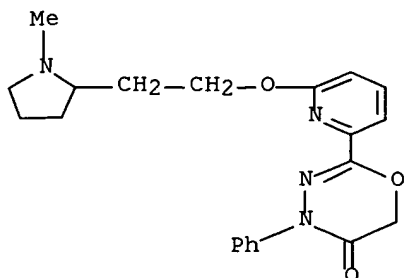
RN 287955-87-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[6-[2-(1-pyrrolidinyl)ethoxy]-2-pyridinyl]- (9CI) (CA INDEX NAME)



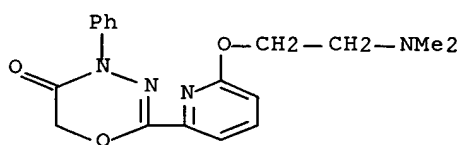
RN 287955-88-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[6-[2-(1-methyl-2-pyrrolidinyl)ethoxy]-2-pyridinyl]-4-phenyl- (9CI) (CA INDEX NAME)



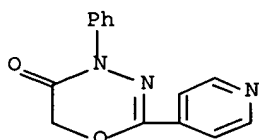
RN 287955-89-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[6-[2-(dimethylamino)ethoxy]-2-pyridinyl]-4-phenyl- (9CI) (CA INDEX NAME)



RN 287955-90-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)

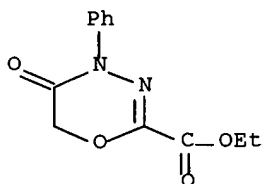


IT 287955-64-0P

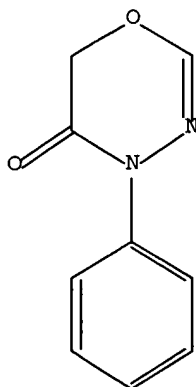
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. of heterodiazinone derivs. as AMPA receptor antagonists and therapeutics)

RN 287955-64-0 CAPLUS

CN 4H-1,3,4-Oxadiazine-2-carboxylic acid, 5,6-dihydro-5-oxo-4-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



=> d l1; d his; log y
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

(FILE 'HOME' ENTERED AT 16:07:41 ON 19 SEP 2003)

FILE 'REGISTRY' ENTERED AT 16:07:49 ON 19 SEP 2003

L1 STRUCTURE UPLOADED
L2 17 S L1
L3 276 S L1 FUL

FILE 'CAPLUS' ENTERED AT 16:08:20 ON 19 SEP 2003

L4 12 S L3
L5 1 S US4670555/PN
L6 1 S L4 AND L5
L7 1 S L4 AND ITO?/IN

| | | |
|--|------------|---------|
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 14.18 | 162.54 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| CA SUBSCRIBER PRICE | -1.30 | -1.30 |

STN INTERNATIONAL LOGOFF AT 16:10:31 ON 19 SEP 2003